

**ABSTRACT**

5 A process for treating methane-containing natural gas is provided which  
comprises: i) converting methane to methanol at or near a site of natural gas  
production; ii) transporting the methanol to a refinery remote from said site of  
production, said refinery producing ethylene and propylene and comprising an  
alkylation unit which can utilize a propylene feed; and iii) converting said  
10 methanol to gasoline boiling range fuel product and petrochemicals, including  
ethylene, propylene, butenes and xylenes.